

Product datasheet for **RC218798A1V**

Human ARHGEF7 (NM_145735) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ARHGEF7 (NM_145735) AAV Particle
Tag:	Myc-DDK
Symbol:	ARHGEF7
Synonyms:	BETA-PIX; COOL-1; COOL1; Nbla10314; P50; P50BP; P85; P85COOL1; P85SPR; PAK3; PIXB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC218798 representing NM_145735
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAATTCGCCGAGCAAACCGTTACGTGGCTCATCACTCTGGGGTGTGGAGTCGCCAAAAAACCA
 TCTCGACCCGAGGGCTTTCTGACGGCTCGCTGAAGGATGGGGTGGTCTCTGACGGCTGCTGGAGCG
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 CGCGAGTTCCTGCGCGGCTGCGGGGCTTCCCTGCGGCTGGAGACGTTTGATGCAAATGATTTGTATCAGG
 GGCAGAATTTTAAACAAGGTCTCAGTTCCTTAGTACTCTAAATAAAGTAACAGCAGACATCGGGCTGGG
 GAGTACTCCGTGTGCCCCGGCCCTCGTCTACCGCATAAAGTCTTTTGACTCCCTGGATCACAGTCT
 TTGCACACTCGGACTTCAAACTGTTCCAGGGCCAGTATCGGAGTTTGGACATGACCGATAATAGCAACA
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 TCAGTGTGCCGAAGTGAGGAAAAGATGAAAGATATCTTCTACTCTTCCCAATGTTTGTCTAATGTTG
 TCTGCCAGTCTAGGATGAGTGGCTTTATCTATCAGGGAAGCTTCCAACGACAGGAATGACAATCACAA
 AGCTTGAGGACAGTGAAAATCATAGAAATGCATTTGAAATATCAGGGAGCATGATTGAGCGGATATTAGT
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 CCACGGCACCCCGCACACCACCTCAACTGGGGACCCCTGGAGCTCCGAAAACACCCAGCCCTGGAGC
 CTGAGCTGCTGCGGCCCGCGCCTCCCCTCCGGCCCTCAGCTGCTCTGCTACAAGGAGGATCTTAGTA
 AGAGCCCTAAGACCATGAAAAGCTGCTGCCCAAGCGCAAACCTGAACGGAAGCCTTCAGATGAGGAGTT
 CGCGTCCCGGAAAAGCACAGTCTGCTTTGGAAGAAGATGCTCAGATTCTGAAAGTCATTGAAGCTTACTGC
 ACCAGCGCCAAAACAAGGCAAACACTCAATTCAACATGGCAAGGCACTGACCTGATGCATAATCACGTCT
 TGGCTGATGATGACCAACCAAGCCTAGACTCCCTGGGGCGTCGAGTAGCCTTTCTGTTTGGAGCCTTC
 AGACCTCTCGGAAGACTCTGACTATGACAGTATATGGACAGCCCATAGTTACAGAATGGGTTCTACATCT
 CGTAAGAGCTGTTGCTCATATATCTCTACCCAGAAC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC218798 representing NM_145735 Red=Cloning site Green=Tags(s) MNSAEQTVTWLITLGVLESPKKTISDPEGFLQASLKDGVVLCRLLELLPGTIEKVYPEPRSESECLSNIREFLRGCASLRLETDFDANDLYQGQNFNKVLSLVTLNKVTADIGLGSDSVCARPSSHRIKSFDSLGSQSLHTRTSKLFQGGYRSLDMTDSNNQLVVRKFNFQQTNEDELSFSKGDVIHVTRVEEGWWEGLNGRTGWFPSNYVREVKASEKPVSPKSGTLKSPKGFDTTAINKSYYNVVLQNILETENEYSKELQTVLSTYLRPLQTSEKLSANISYLMGNLEEICSFQQMLVQSLEECTKLPEAQQRVGGCFNLMPQMKTLYLTICANHPSAVNVLTEHSEELGEFMETKGASSPGILVLTGTLKPFMRDKYPTLLKELERHMEDYHTRQDIQKSMAAFKNLSAQCEVRKRKELELQILTEAIRNWEQDDIKTLGNVTYMSQVLIQCAGSEEKNERYLLLFPNVLLMLSASPRMSGFIYQKLPPTGMTITKLEDSENHRNAFEISGSMIERILVSCNNQDLQEWVEHLQKQTKVTSVGNPTIKPHSVPSHTLPSHPVTPSSKHADSKPAPLTPAYHTLPHPSHHGTPHTTINWGPLEPPKTPKWSLSCLRPAPPLRPSAALCYKEDLSKSPKTMKLLPKRKPERKPSDEEFASRKSTAALQILKQIEAYCTSAKTRQTLNSTWQGTDLMHNHVLADDDQPSLDSLGRSSLRLPSDLSLSDSDYDSIWTASRYRMGSTSRKSCCSYISHQN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_145735
ORF Size:	2346 bp
Buffer:	PBS with 0.001% Pluronic F7907
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_145735.1</u>
RefSeq Size:	5304 bp
RefSeq ORF:	2349 bp
Locus ID:	8874
UniProt ID:	<u>Q14155</u>
Cytogenetics:	13q34
MW:	87.6 kDa